



KONICA MINOLTA

magicolor 5450



High-performance
Color Laser
Printer

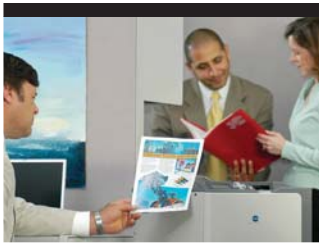


KONICA MINOLTA

800-523-2696

buymagicolor.com

Powerful Network Color Laser



QUICK SPECS

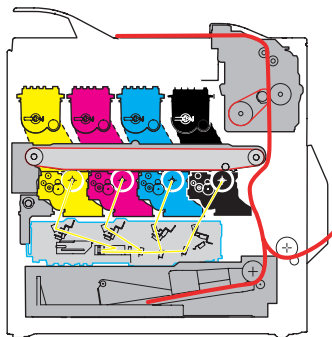
- 27 pages per minute in color and b&w
- First page out in 14 seconds
- 667 MHz PowerPC® processor
- 9600 x 600 dpi Photo ART contone resolution
- 256 MB DDR SDRAM std. / 1024 MB max.
- Gigabit Ethernet®, USB 2.0, parallel interfaces
- PostScript® 3 (137 fonts), PCL® 6 (93 fonts)
- Windows®, Macintosh®, and Linux® compatible
- 60,000 page-per-month duty cycle
- 1-year exchange warranty

This network color laser is designed to meet your business needs—black & white and full color—with high-speed performance and superb color quality.

Business-Class Performance

The magicolor 5450's power keeps pace with your business.

- Single-pass laser technology produces full-color and black-&-white prints at 27 ppm.
- An Emperon high-performance controller provides fast job processing for Windows, Macintosh, and Linux.



Single-pass laser technology means more pages per day.

- Its 667 MHz PowerPC processor gives you the horsepower for complex files and images.
- The printer includes 256 MB DDR SDRAM, which effectively doubles your file data throughput and consumes less energy.
- It's equipped with a Gigabit Ethernet interface for high-speed network printing in busy business workgroups.

Photographic Image Quality

Revolutionary color technology is built in to generate outstanding prints.

- 9600 x 600 dpi Photo ART contone quality generates over 4000 colors per dot for photographic detail and smooth color gradients.
- Dynamic Contone Screening optimizes output by analyzing page elements and automatically adjusting color for you.
- The magicolor 5450 has industry-standard ICC color matching built in for automatic color rendering.
- To ensure color stays consistent on every print, every day, the printer uses enhanced Automatic Image Density Control.

Small and Affordable

Its small size is complemented by a small price for affordable color printing every day.

- A small size allows the magicolor 5450 to fit easily on the desktop—or convert it to a free-standing model with a printer cabinet.
- This desktop color laser uses long-life toner cartridges that yield 6,000 or 12,000 pages for low-cost-per-page printing.

9.5¢ per page

1.6¢ per page

B&W cost per page based on 5% coverage
Color cost per page based on 20% coverage

Compatible with Your Business

In a complex network environment, the magicolor 5450 shows off its multitasking side.

- PostScript 3 and PCL 6 languages support popular business applications, allowing the seamless creation and processing of all your color documents.



Access standard and advanced document handling functions through a versatile driver.

- Mixed network support for NetWare®, TCP/IP, EtherTalk®, and NetBIOS/NetBEUI ensures easy integration into your network.
- Network administrators can count on the PageScope™ Net Care web-based utility for remote installation, management, and configuration of both KONICA MINOLTA and non-KONICA MINOLTA printers.
- Get real-time supply status, and manage and troubleshoot printers from virtually anywhere using your web browser and PageScope Web Connection.
- Enterprise Management System Plug-ins are available for seamless printing from OpenView, NetView, Unicenter, and Microsoft Management Console. A plug-in is also included for network administrators using Web Jetadmin.



basics

options

FRONT KEYPAD

- Intuitive graphical display with dynamic "help" functions
- At-a-glance toner gauges

PRINT SPEED

- Color: Up to 27 ppm
- B&W: Up to 27 ppm

INTERFACES

- Gigabit Ethernet (10/100/1000BaseTX), Hi-Speed USB 2.0, Parallel, USB 1.1 Host Port (for future expansion)

MEMORY

- 256 MB RAM

COMPATIBILITY

- Windows Server 2003/XP/2000/NT4/Me/98SE
- Macintosh OS X (v10.2+)/OS 9 (v9.1+)
- Linux Red Hat 9, SuSE 8.2
- PostScript 3, PCL 6, PDF, and JPEG/TIFF Direct Print

RESOLUTION

- 9600 x 600 dpi-class with Photo ART
- eAIDC and ICC-based color matching

PAPER SIZE AND INPUT

- Up to legal (8.5" x 14")
- 100-sheet multipurpose tray
- 500-sheet cassette
- Quick-view paper level indicator



HARD DISK

- For downloaded fonts, forms, and profiles; electronic collation; Job Accounting; direct PDF, JPEG, & TIFF printing; Proof then Print; Secured Job, Print & Hold, and Stored Job functions

MEMORY

- Upgrade to 1024 MB

DOCUMENT HANDLING

- Automatic duplexer for two-sided printing

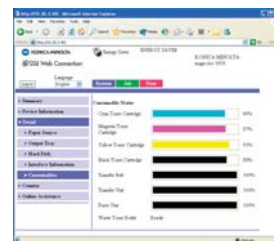
PAPER INPUT

- 500-sheet lower input feeder (add up to two)
- 1,600-sheet maximum input capacity
- Caster-based printer cabinet for storage of media and supplies

User-Friendly Design

Effortless operation is at your fingertips with the magicolor 5450.

- Get out of the box and running in just minutes with pre-installed toner and auto-install software that automatically detects your printer on the network and guides you through setup.
- Comprehensive printer drivers simplify printing with collation, fit-to-page scaling, separation pages, watermark, tray selection, and secure printing options.
- The Desktop Status Monitor tells you the status of your print job and supply levels with a pop-up window on your monitor.



Get real-time supply status via your web browser.





magicolor 5450 – Technical

Printing Process

Print Method: Electrophotographic laser

Print Speed*:

Color: Up to 27 ppm

Monochrome: Up to 27 ppm

First-Page-Output Time*:

Color: 14.1 seconds from an idle, ready state

Monochrome: 14.1 seconds from an idle, ready state

Resolution: 9600 x 600 dpi-class with Photo ART

Recommended Duty Cycle: Up to 60,000 prints/month

Hardware and Software Capabilities

Processor Type: Motorola® Power PC7447A, 667 MHz

Memory: 256 MB DDR SDRAM, upgradeable to 1024 MB (two slots, one open) using 184-pin, 266/333 MHz, PC-2100/2700 DIMMS

Internal Hard Disk (optional): For downloaded fonts, forms, and profiles; electronic collation; Job Accounting; direct PDF, JPEG, and TIFF printing; Proof then Print, Secured Job, Print & Hold, and Stored Job functions (40 GB)

Operating System Compatibility: Windows Server 2003/XP/2000/NT4 (SP6+)/Me/98SE; Macintosh OS X (v10.2+)/OS 9 (v9.1+); Linux Red Hat 9, SuSE 8.2

Printer Emulations: PostScript 3, PCL 6, PDF 1.4 (hard disk required), JPEG/TIFF Direct Print (hard disk required)

Printer Management: PageScope Net Care; PageScope Web Connection; PageScope Network Setup; PageScope EMS Plug-Ins for Tivoli NetView (2.0), CA Unicenter (2.0), HP OpenView, Microsoft Management Console (MMC); HP Web Jetadmin Plug-in; PageScope Plug and Print; PageScope NDPS Gateway; Print Monitor; Status Monitor

Color Support: Enhanced Automatic Image Density Control (eAIDC); ICC device profiles; Automatic ICC-based color matching; Dynamic Contone Screening; SWOP, Commercial, EuroColor, DIC, and TOYO press emulations; PANTONE® Color Tables

Interface Support

Standard: Gigabit Ethernet (10/100/1000BaseTX); IEEE 1284 Parallel; USB 2.0 (supports Microsoft 'Plug and Play'); USB 1.1 Host Port (for future expansion)

Ethernet Protocols: TCP/IP, EtherTalk, IPX/SPX (NetWare 4/5/6), NDS Bindery, NDPS, NetBEUI, NetBIOS, UPnP, SMB, UPD, HTTP, HTTPS, IPP1.1, SNMP, LPD, FTP, DHCP, BootP, ARP, Auto IP, Ping/ARP, SMTP, SLP, TCP/IP socket

Paper Handling

Standard Paper Input: 500-sheet cassette, 100-sheet multipurpose tray

Optional Paper Input: 500-sheet input feeder (up to two)

Standard Paper Output: 250-sheet face-down output tray

Duplex Printing: Manual** (automatic optional)

Paper Sizes Supported:

500-sheet Cassette: Letter, A4

Multipurpose Tray: Letter, A4, Legal, Executive, Statement, Folio, Letter Plus, Foolscap, UK Quarto, Govt. Letter, Govt. Legal, A5, B5 (JIS), Kai 16, Kai 32; Japanese Postcard, Double Postcard; Monarch, Com 10, DL, B5 (ISO), C5, C6, You 0, You 2, You 4, You 6, Chou 3, and Chou 4 Envelopes; Custom sizes (W) 3.62" - 8.5" (92 - 216 mm), (L) 5.83" - 14" (148 - 356 mm)

Lower Input Feeder (optional): Letter, A4, Legal, Executive, Govt. Legal, B5 (JIS)

Duplexer (optional): Letter, A4, Legal, Executive, Folio, Govt. Legal, B5 (JIS)

Printable Area: 0.16" (4 mm) from all edges; 13.7" (348 mm) guaranteed print length maximum

Paper Weights:

Plain paper: 0.16 - 24 lb. Bond (60 - 90 g/m²)

Thick stock: 24 - 110 lb. Index (90 - 210 g/m²) - via Multipurpose Tray only

Duplexing: 16 - 24 lb. Bond (60 - 90 g/m²)

Print Media: Plain paper, thick stock, glossy stock, transparencies, laser-quality labels, and envelopes; automatic duplexing on plain paper only

Physical

Type: Laser printer with internal controller

Dimensions (WxDxH): 17.9" x 20.5" x 17.3" (455 x 520 x 440 mm)

Weight: w/o consumables: 68.2 lbs. (31 kg); w/ consumables: 81.4 lbs. (37 kg); as shipped: 95.5 lbs. (43 kg)

Electrical

Power Requirements:

120V Model: 120 VAC ± 10%; 50/60 Hz ± 3%

220/240V Model: 220/240 VAC ± 10%, 50/60 Hz ± 3%

Power Consumption: Operating: 800 W average, 1,250 W maximum
Standby: 170 W average

Energy Star* Compliant:** 42.9 W or less

Environmental

Temperature Requirements: Operating: 50° to 95° F (10° to 35° C)

Non-operating: 32° to 95° F (0° to 35° C)

Humidity: Operating: 15% to 85% RH

Non-operating: 10% to 85% RH

Noise Levels: Operating: <54 dB(A); Standby: <39 dB(A)

Regulatory/Safety Conformity

UL, cUL, CSA, FCC-B, CDRH, DOC, SASO, RPC

Consumables****

In-Box Cartridges: Printer ships with one each Cyan, Magenta, Yellow, and Black Toner Cartridges (yield up to 3,000 letter/A4 pages @ 5% coverage); Transfer Belt; Waste Toner Box

Replacement Cartridges: Cyan, Magenta, Yellow, and Black toner cartridges (yield up to 6,000 or 12,000 letter/A4 pages @ 5% coverage)

Typefaces

137 resident PostScript fonts, 93 PCL fonts, and 10 line printer fonts

Warranty

1-year exchange

* Exact print speed differs depending on system configuration, software application, driver, and document complexity.

** Application software support required for page reordering.

*** The addition of some options, in some combinations, may cause the product to become non-compliant. Energy Star compliance does not represent an EPA endorsement of any product or service.

**** The stated life expectancy of each consumable in your printer is based on printing under specific operating conditions such as page coverage for a particular page size (5% coverage of letter/A4). The actual consumable's life will vary depending on the use and other printing variables including page coverage, page size, media type, continuous or intermittent printing, ambient temperature, and humidity.



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